

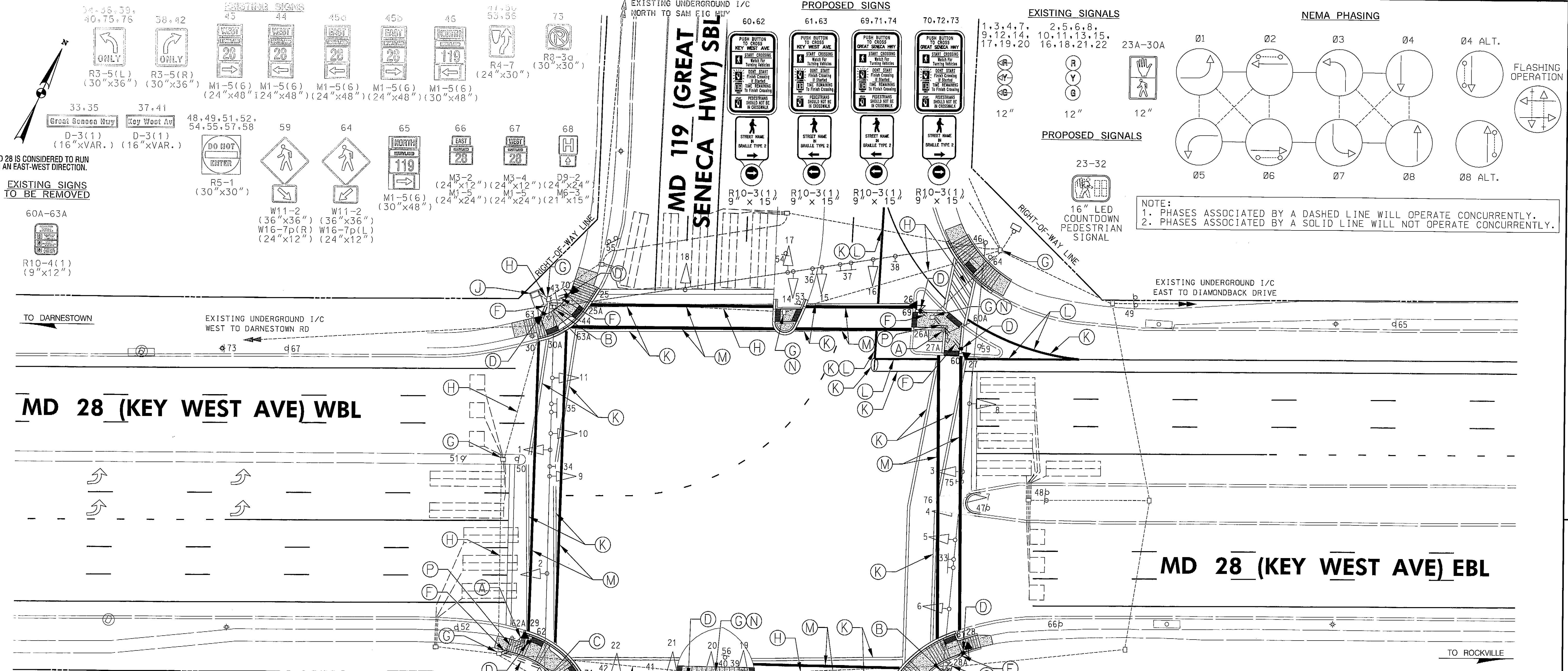
DRILL HOLES

DRILL HOLES

DRILL HOLES

BY: Joost Van Boekhold Division: P068 Highway Traff GMA Emp

BORDER REV: DATE: March 12, 2008



EXISTING SIGNS TO BE REMOVED

60A-63A
R10-4(1)
(9"x12")

CONSTRUCTION DETAILS:

- A. REMOVE EXISTING PEDESTAL POLE.
- B. REMOVE EXISTING PEDESTRIAN SIGNALS, PUSHBUTTON, AND SIGN FROM SIGNAL POLE.
- C. REMOVE EXISTING PEDESTRIAN SIGNALS.
- D. INSTALL AN 18"x36" CONCRETE FOUNDATION WITH A 10 FOOT PEDESTAL POLE, 16-INCH COUNTDOWN LED PEDESTRIAN SIGNAL, APS PUSHBUTTON AND SIGN (1-2" CONDUIT BEND). (STANDARD NO. MD 801.01-01)
- E. NOT USED.
- F. FURNISH AND INSTALL 2 INCH RIGID PVC CONDUIT - TRENCHED.
- G. USE EXISTING HANDHOLE.
- H. USE EXISTING CONDUIT.
- J. USE EXISTING CONTROLLER.
- K. REMOVE EXISTING PAVEMENT MARKING.
- L. INSTALL 10-INCH HEAT APPLIED WHITE PERMANENT PAVEMENT MARKINGS.
- M. INSTALL 12-INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
- N. ADJUST HANDHOLE TO GRADE WITH NEW FRAME AND COVER.
- P. CAP AND ABANDON EXISTING CONDUIT.

APS PUSHBUTTON NOTES:

- 1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
- 2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
- 3. PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.08 AND 4E.10 AND FIG. 4E.3 AND 4E.4 AND NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNAL: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
- 4. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- 5. SIGNAL POLES WITH PUSHBUTTONS MAY HAVE THE FOUNDATION INSTALLED AS PART OF THE CURB OR SIDEWALK AS DIRECTED BY THE ENGINEER.

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
- 2. REMOVE ALL POLE FOUNDATIONS 12 INCHES BELOW GRADE.
- 3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL PROJECT.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- 5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED FROM TRAFFIC SIGNAL CONDUITS.
- 6. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE CONTACT THE PROJECT ENGINEER.

- 7. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04.
- 8. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- 9. CONTRACTOR TO REMOVE EXISTING LANDSCAPE AS NECESSARY TO INSTALL TRAFFIC SIGNAL EQUIPMENT.
- 10. RIGHT-OF-WAY INFORMATION AS SHOWN ON SIGNAL PLAN OF RECORD.

GEOMETRIC LEGEND

— EXISTING
— PROPOSED

UTILITY LEGEND

SD — SD — STORM DRAIN
G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES
F — F — FIBER-OPTIC

KCI TECHNOLOGIES

ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

936 RIDGEBROOK ROAD
SPARKS, MARYLAND 21152
TELEPHONE: (410) 316-7800
FAX: (410) 316-7818

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
1	APPROVED FOR CONSTRUCTION
2	APPROVED FOR CONSTRUCTION
3	APPROVED FOR CONSTRUCTION
4	APPROVED FOR CONSTRUCTION
5	APPROVED FOR CONSTRUCTION

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 28 (KEY WEST AVENUE) AT
MD 119 (GREAT SENECA HIGHWAY)
ROCKVILLE, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' ADVERTISED DATE MAY 1988 CONTRACT NO. BW906M82

DESIGNED BY COUNTY MONTGOMERY
DRAWN BY BC LOGFILE 15002818.62
CHECKED BY BM TMS NO.
F.A.P. NO. TOD NO.

TS NO. 3803 F DRAWING SG-1 OF 3 SHEET NO. 13 OF 24

PLOTTED: 10:26 AM on Tuesday, April 02, 2013
FILE: M:\2008\01090819.87\drawings\283-P068-MD28.dgn